

Amendments to the Claims:

Claims 1-18 (Cancelled)

19. **(New)** A SAW filter comprising a piezoelectric substrate, and at least two inter-digital transducers disposed in proximity to each other on the same surface acoustic wave propagation path on the piezoelectric substrate,

wherein at least one of the inter-digital transducers is a first inter-digital transducer connected serially to a signal path, and at least one is a second inter-digital transducer connected between the signal path and a ground,

wherein the first inter-digital transducer and the second inter-digital transducer are different in resonance frequency, and the first inter-digital transducer and the second inter-digital transducer are formed by such a configuration that electrode fingers of comb-shaped electrodes configuring inter-digital transducers are arranged almost continuously,

wherein electrode fingers in the first inter-digital transducer, which are the closest to the second inter-digital transducer, and electrode fingers in the second inter-digital transducer, which are the closest to the first inter-digital transducer, configure peaks and troughs of surface acoustic waves, and comb-shaped electrodes are connected in common on the side having the electrode fingers of the comb-shaped electrodes which configure the first inter-digital transducer and the second inter-digital transducer, and

wherein the first inter-digital transducer and the second inter-digital transducer fall in reversed phases each other.

20. **(New)** The SAW filter of Claim 19,

wherein resonance frequencies of the first inter-digital transducer and the second inter-digital transducer are set up to frequency necessary for obtaining a preset filter characteristic.

21. **(New)** The SAW filter of Claim 20,
 wherein resonance frequency of the first inter-digital transducer is nearly matched with
anti-resonance frequency of the second inter-digital transducer.
22. **(New)** The SAW filter of Claim 19,
 wherein a reflector electrode is disposed on the outermost side of the inter-digital
transducer including the first inter-digital transducer and the second inter-digital transducer.
23. **(New)** The SAW filter of Claim 22,
 wherein a strip line electrode is disposed between the first inter-digital transducer and the
second inter-digital transducer, and it is configured in such a manner that electrode fingers of
comb-shaped electrodes which configure the first inter-digital transducer and the second inter-
digital transducer, and electrode fingers which configure the strip line electrode or the reflector
electrode are arranged so as to be located almost continuously.
24. **(New)** The SAW filter of Claim 23,
 wherein a pitch of the electrode fingers of the strip line electrode is set up to one between
a pitch of the electrode fingers of the first inter-digital transducer and a pitch of the electrode
fingers of the second inter-digital transducer.
25. **(New)** The SAW filter of Claim 19,
 wherein the inter-digital transducers, which configure the SAW filter, are of a
configuration including dummy electrodes.
26. **(New)** The SAW filter of Claim 19,

wherein a third inter-digital transducer, which is connected between a signal path and a ground, is arranged in proximity to an opposite side to such a side that the second inter-digital transducer is arranged in proximity to the first inter-digital transducer.

27. **(New)** The SAW filter of Claim 26,
wherein resonance frequency of the third inter-digital transducer is different from resonance frequency of the first inter-digital transducer.

28. **(New)** The SAW filter of Claim 19,
wherein a fourth inter-digital transducer, which is connected serially to a signal path, is arranged in proximity to an opposite side to such a side that the first inter-digital transducer is arranged in proximity to the second inter-digital transducer.

29. **(New)** The SAW filter of Claim 28,
wherein resonance frequency of the fourth inter-digital transducer is different from resonance frequency of the second inter-digital transducer.

30. **(New)** A SAW filter configured in such a manner that the SAW filter of Claim 19 is used as one SAW element and the elements are connected in multiple stages.

31. **(New)** A SAW filter comprising a piezoelectric substrate, and at least two inter-digital transducers disposed in proximity to each other on the same surface acoustic wave propagation path on the piezoelectric substrate,
wherein at least one of the inter-digital transducers is a first inter-digital transducer connected serially to a signal path, and at least one is a second inter-digital transducer connected between the signal path and a ground, and the first inter-digital transducer and the second inter-digital transducer are different in resonance frequency, and the first inter-digital transducer and

the second inter-digital transducer are formed by such a configuration that electrode fingers of comb-shaped electrodes configuring inter-digital transducers are arranged almost continuously, and a pitch of plural electrode fingers, which are arranged in a boundary area of the first inter-digital transducer and the second inter-digital transducer, is differentiated from a pitch of electrode fingers which are arranged in respective center areas.

32. **(New)** The SAW filter of Claim 31,
 wherein weighting is applied to at least one of the inter-digital transducers which configure the SAW filter.

33. **(New)** The SAW filter of Claim 32,
 wherein apodized weighting method is applied to at least one of the inter-digital transducers which configure the SAW filter.

34. **(New)** The SAW filter of Claim 32,
 wherein withdrawal weighting method is applied to at least one of the inter-digital transducers which configure the SAW filter.

35. **(New)** The SAW filter of Claim 31,
 wherein the inter-digital transducers, which configure the SAW filter, are of a configuration including dummy electrodes.

36. **(New)** The SAW filter of Claim 31,
 wherein a third inter-digital transducer, which is connected between a signal path and a ground, is arranged in proximity to an opposite side to such a side that the second inter-digital transducer is arranged in proximity to the first inter-digital transducer.

37. **(New)** The SAW filter of Claim 36,
wherein resonance frequency of the third inter-digital transducer is different from
resonance frequency of the first inter-digital transducer.

38. **(New)** The SAW filter of Claim 31,
wherein a fourth inter-digital transducer, which is connected serially to a signal path, is
arranged in proximity to an opposite side to such a side that the first inter-digital transducer is
arranged in proximity to the second inter-digital transducer.

39. **(New)** The SAW filter of Claim 38,
wherein resonance frequency of the fourth inter-digital transducer is different from
resonance frequency of the second inter-digital transducer.

40. **(New)** A SAW filter configured in such a manner that the SAW filter of Claim
31 is used as one SAW element and the elements are connected in multiple stages.